From: Scott.Miller@deq.idaho.gov
Sent: Tuesday, February 04, 2014 7:24 AM
To: Rochlin, Kevin
Cc: Douglas.Tanner@deq.idaho.gov
Subject: DEQ Comments on the Jan. 2014 Remedial Design Data Gap Report
Attachments: DEQ Cmmnt Remedial Design Data Gap Rpt.docx

Follow Up Flag: Follow up
Flag Status: Flagged

Kevin,
Please find attached, DEQ's comments on the January 2014 Remedial Design Data Gap Report for the FMC OU. Please contact me with any question or concerns.

Scott

Scott A. Miller, P.G. | Environmental Hydrogeologist
Main: 208.373.0502 Direct: 208.373.0328

TO: KEVIN ROCHLIN, EPA

FROM: SCOTT A. MILLER, IDEQ

SUBJECT: DEQ COMMENTS ON THE JANUARY 2014 REMEDIAL DESIGN DATA GAP REPORT FOR THE FMC OU

DATE: FEBRUARY 3, 2014

CC: DOUG TANNER, IDEQ

SPECIFIC COMMENTS

1. Acronyms/Abbreviations, page iv; Add POTW.
2. Section 1.1, paragraph 2, line 5, page 1-2; include a date.
3. Section 2.3, paragraph 1, line 5, page 2-5; states '…transect was further divided into 5 ft by ft sampling grids', please include a 5 between 'by' and 'ft'.
4. Section 3.2 paragraph 1, lines 3 and 4, page 3-6; please clarify if all three 6 to 12 inch samples from Grid #18 were compromised during shipping or specify from which location(s) the sample(s) was compromised.
5. Table 3.4, page 3-6; please include data from Grid #18.
6. Section 4.2, page 4-1, and Table 4.2, page 4-2; please include a descriptive and specific explanation of how the mean hydraulic conductivity estimate and other values were derived. Based on the data presented in Table 3.2, the mean hydraulic conductivity is 1.007E-4 cm/sec or 6.65E-5 cm/sec if data from SB7 is omitted; it is not clear how the 6.57E-5 cm/sec presented in Table 4.2 was derived.
7. Section 4.3, page 4-2; please specify over what depth(s) the mean root density value of 0.051 grams of root per 100 grams of soil was derived. If multiple depth intervals (i.e. 0-6 inches and 6-12 inches) were pooled to arrive at the 0.051 value, were statistical analysis conducted to confirm pooled intervals are from the same population? Please clarify in report, be descriptive and specific.